

## ECS Configuration Change Request

Page 1 of 1 Page(s)

1. Originator Byron Peters	2. Log Date: 24 MAR 00	3. CCR #: 00-0320	4. Rev:	5. Tel: 301-883-4077	6. Rm #: 2101C	7. Dept. SED
8. CCR Title: Install and test standard inetd configuration file to provide better DACC security						
9. Originator Signature/Date <i>Byron V. Peters</i> 3/24/00		10. Class	11. Type: CCR	12. Need Date: 03/31/00		
13. Office Manager Signature/Date <i>R. P. Nagarajan</i> 03/24/00		14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: None		17. Schedule Impact:		18. CI(s) Affected: All		
19. Release Affected by this Change: 5A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) Security is a multi step and on going process. A basic canon of security is turn off all services or features that are not absolutely needed. This is just common sense. Software is shipped with many services and features on or active by default straight out of box. Some of these services have security holes that are exploited by unscrupulous people.  The inetd.conf file is used to start many of these services. There is no standard configuration for the inetd.conf files now on any of the supported platforms. Services are running on these platforms that should be turned off.						
24. Proposed Solution: (use additional sheets if necessary) Test a modified inetd.conf configuration file for each of the supported platforms in the IDG test cell and then the Functionality Lab. The tests will provide verification that the services that are turned off do not affect any of the COTS or custom code now running on those platforms. If test verified that the modified inetd.conf configuration does not affect any of the COTS or custom code, install the appropriate standard inetd.conf file on each of the supported platform.						
25. Alternate Solution: (use additional sheets if necessary) Installation of the inetd.conf file is only one step in strengthening security. Each host's security is made stronger with a small amount of work done on each host. Another method is to strengthen the outside of the network with a firewall that would offer protection to all the platforms.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Program is receiving more and more data to ingest and produce products. This will also bring more visibility to the program. Higher visibility attracts more unscrupulous people. Program in turn is more vulnerable to exploits.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input checked="" type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments: <i>IDG Cell machines only!</i> <i>See ECO for machine names</i>			30. Work Assigned To: <i>RTSC</i>		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Wanda L. ... 3/22/2000</i>		Disposition: Approved <u>App/Com.</u> Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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